



**Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore**  
**Shri Vaishnav Institute of Pharmacy**  
**Choice-Based Credit System (CBCS) inLight of NEP-2020**  
**General Electives (UG 2024–25), II SEM**

Subject Code	Category	Subject Name	Teaching and Evaluation Scheme								
			Theory			Practical		L	T	P	CREDITS
			End Sem University Exam	Two Term Exam	Teachers Assessment	End Sem University Exam	Teachers Assessment				
GUBPH201	GE	Public Health Pharmacy	60	20	20	-	-	4	0	0	4

**Legends:**L-Lecture;T-Tutorial/ Teacher Guided Student Activity; P-Practical; C-Credit; \*Teacher Assessment shall be based on the following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than10 marks.

### Public Health Pharmacy

**Scope:** This syllabus provides a comprehensive understanding of public health challenges through the lens of social and preventive pharmacy. It covers the concepts of health and disease, nutrition, hygiene, and the socio-cultural aspects of health. Additionally, it delves into preventive medicine, national health programs, and legal frameworks like the Narcotic Drugs and Psychotropic Substances Act and Intellectual Property Rights. The aim is to empower students to promote health, prevent diseases, and contribute to effective healthcare systems.

#### Objectives:

- Understand public health concepts, disease prevention, and control.
- Explore the impact of nutrition, hygiene, and socio-cultural factors on health.
- Gain insights into preventive medicine for communicable and non-communicable diseases.
- Familiarize with the objectives and outcomes of national health programs.
- Learn about health-related laws and regulations, including NDPS Act and IPR.

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## Syllabus

### Unit I

Concept of health and disease: Definition, concepts and evaluation of public health. Understanding the concept of prevention and control of disease, social causes of diseases and social problems of the sick.

Social and health education: Food in relation to nutrition and health, Balanced diet, Nutritional deficiencies, Vitamin deficiencies, Malnutrition and its prevention.

### Unit II

Sociology and health: Socio cultural factors related to health and disease, Impact of urbanization on health and disease, Poverty and health

Hygiene and health: personal hygiene and health care; avoidable habits

### Unit III

Preventive medicine: General principles of prevention and control of diseases such as cholera, SARS, Ebola virus, influenza, acute respiratory infections, malaria, chicken guinea, dengue, lymphatic filariasis, pneumonia, hypertension, diabetes mellitus, cancer, drug addiction-drug substance abuse

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#### Unit IV

National health programs, its objectives, functioning and outcome of the following: HIV AND AIDS control programme, TB, Integrated disease surveillance program (IDSP), National leprosy control programme, National mental health program, National 158 programme for prevention and control of deafness, Universal immunization programme, National programme for control of blindness, Pulse polio programme

#### Unit V

Narcotic Drugs and Psychotropic substances Act-1985 and Rules: Objectives, Definitions, Authorities and Officers, Constitution and Functions of narcotic & Psychotropic Consultative Committee, National Fund for Controlling the Drug Abuse, Prohibition, Control and Regulation, opium poppy cultivation and production of poppy straw, manufacture, sale and export of opium, Offences and Penalties

Introduction to Intellectual Property Rights (IPR)

Right to Information Act

#### Book References:

- 1) Textbook of Preventive and Social Medicine (Mahajan and Gupta), Edited by Roy Rabindra Nath, Saha Indrani, 4 th Edition, 2013, ISBN: 9789350901878, JAYPEE Publications
- 2) Community Pharmacy Practice, Ramesh Adepu, BSP publishers, Hyderabad
- 3) A text book of Forensic Pharmacy by N.K. Jain
- 4) Narcotic drugs and psychotropic substances act by Govt. of India publications

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